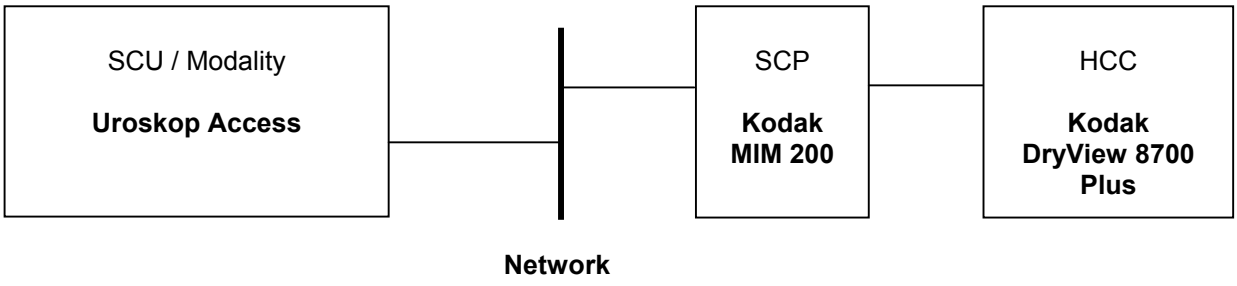
Product:	Uroskop Access
Title:	Specific Hardcopy Camera Information for Kodak DryView 8700 Plus / PACS Link MIM 200
Affected systems:	Image System ASPIA
Replaces:	n.a.

1 General Information

1.1 Block Diagram



1.2 Available Film Sizes

Application		ASPIA	Film Type	Medium Type
14"x17"	Portrait	yes	Kodak DVB	blue based
	Landscape	yes		
14"x14"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
11"x14"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
8"x10"	Portrait	n.a.	n.a.	n.a.
	Landscape	n.a.		
others		n.a.	n.a.	n.a.

Released : yes - Film size is available and released
Released : no - Film size is available but not released
Released : n.a. - Film size is not available

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1.3 Restrictions and known Effects

For HCC-independent restrictions, see also the general restrictions in the document Uroskop Access, General Hardcopy Information.

2 Modality SW Configurations / Parameters

2.1 Configuration

Refer to: Uroskop Access, General Hardcopy Camera Information

Application Entity Properties	Display	Changes allowed yes/no
AE Title	DV8700 (*1)	**Yes**
Port Number	5040	**No**
Supported DICOM Services	Print	**No**

HC Device / General Settings		Display	Changes allowed
Type		DICOM printer	**No**
Class (Printer spec file name)		imation8700	**No**
DICOM Node		dv8700	**Yes**
Filming Properties		**Display**	**Changes allowed**
Hold printed film jobs		10	**Yes**
Min. density		0.20	**Yes**
Pixel Size [1/1000 mm]		78.0 x 78.0	**No**
Film Sheet Formats Portrait	**Number of pixels [columns x rows]**	Inches14x17 4096x5220	In "define new" Do not modify/add Select only Delete only
Film Sheet Formats Landscape	**Number of pixels [columns x rows]**	Inches14x17 5220x4096	In "define new" Do not modify/add Select only Delete only
Medium Type		blue film	No
Film Destination		processor	No
Color appearance		monochrome	**No**
Background		black	Yes
Transformation		no magnification	**No**

Note: Do not modify and/or add film sizes.
Do not modify pixel sizes.
Delete film sizes that are not available at customer site.

(*1) K8700 or dv8700 does not support NEVENT REPORT; The verification of the AE-Title works properly. NER_8700 supports NEVENT REPORT. The verification of the AE-Title failed.

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2.2 Error and Warning Messages

Printer Status info	Description	Message string visible in the Status Bar	Other action for *syngo*/camera symbol
PRINTER -BUSY	No description available	Printer busy	<None>/idle
CHECK CHEMICALS	No description available	Check chemicals	<None>/idle
EMPTY 4X6	No description available	Empty 4x6	<None>/idle
EMPTY 4X6 PAPR	No description available	Empty 4x6 papr	<None>/idle
EMPTY 85X11	No description available	Empty 85x11	<None>/idle
EMPTY 85X11 PAPR	No description available	Empty 85x11 papr	<None>/idle
EMPTY A4	No description available	Empty a4	<None>/idle
LOW 4X6	No description available	Low 4x6	<None>/idle
LOW 4X6 PAPR	No description available	Low 4x6 papr	<None>/idle
LOW 85X11	No description available	Low 85x11	<None>/idle
EMPTY 85X11 PAPR	No description available	Low 85x11 papr	<None>/idle
LOW A4	No description available	Low A4	<None>/idle

3 Hardcopy Camera, Configuration

3.1 Identification

Device Name:	MIM 200	DryView 8700
Manufacturer:	Kodak	Kodak
Device-Type:	PACS Link	DRY- Laserimager
SW Revision:	V5.0	V1.24
Image Memory:	Minimum 64MB	None
Harddisk:	Minimum 2 GB	None
Physical Network Interface:	100/10Base-T Ethernet, UTP/STP	None

3.2 SCP / Printer Settings (provided by OEM)

MIM200 Setup:

- on Configure, Network:
- Node Name=MIM, IPAddr=accordingly
- Subnet Mask=accordingly, Gateway Addr=accordingly
- on Configure, Input, Network, Add:
  - Protocol=DICOM 3.0, Log.Name=DICOM, Type/Com=Keypad/COM9
- on Configure, Destination, Add, Print, Direct, Qualified, 8700, Set:
  - General: Log.Name=8700
  - General: Database Name=8700, Model=8700, Memory=32
  - Media Info: Media=35x43cm, 4096x5223, 5133, Blue
  - Output Params: Cmd=SuperSet,Baud=19200,Data=8,Stop=1,Parity=None
  - Output Params: Pixel=12, Header/Line, Transfer=2000 KHz, Acq=60
  - Supported Item: Collation=On, Text=On, Tonescaling=On, Rotation=On
  - Interpolation: NoMag=On, Bilin=On, Repl=On,Cubic Spline=On
  - Format Types: Custom=On, Slide=On, Row Symmetric=On
  - Format Types: 1, 2, 4, 6, 8, 9, 12, 15, 16, 20, 24, 30, 35=On

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- Formatting: Aspect Ratio Mix on Page=On, Image Size Mix in Std Fmt=On
- Formatting: DICOM Annotation Box=On, Req.Size Scale=On
- Formatting: Req.Size Mix in Row=On, Trim=On
- Formatting: Aspect Ratio Mix in Row=On, Image Size Mix in Row=On
- Formatting: Req.Image Size=On, Req.Size Mix on Page=On
- Formatting: True Landscape=On
- Formatting: Max Img per Band=20, Max Band per Page=20, Max Img Col=0
- Formatting: Max Img Row=0, Min Horiz Sep=2, Min Vert Sep=2
- Formatting: Trim Width Enabled=2, Trim Width Disabled=0
- Formatting: Pixel Pitch=12.8205
- Image Processing: Grayscale=On, Minify=On, Max Image Dmax=3.1
- M952 Usage: Min H/V Mag=1, Max H/V Mag=64, Min Dmax 952=1.7

- on Configure, SCP Services, select the specific modality, Modify:
  - PLUT=N, ToneScaling=PerceptionLUT (Always=Y)
  - TFT/ULUT= Wrkstn2a.w87 (Always=Y), Contrast (dry)=3 (Always=Y)
  - Image Dmin=0.00 (Always=N), Image Dmax=2.80 (Always=N)
  - ICCProfile=Off (Always=N), Modality=OT (Always=N)
  - BodyPart=Default (Always=N), Modality Group=6
  - NeventReports=Off (Always=Y), Warning Status=On
  - Print Date=Off, Print Time=Off, Page Number=Off, Hosp.Name=Off
  - Modality ID=Off, Annotation Override=Off (Always=N)
  - Print Priority=Normal (Always=N), Image Polarity=Normal (Always=N)
  - Conv.Group=1, Gamma Table=1, Smoothing Type=0 (Always=N)
  - Border=Black (Always=N), Film Base=Blue Film (Always=N)
  - Film Size=14INx17IN (Always=N), Film Output Dest=Bin 9 (Always=N)

8700 Plus Setup:

- on COMM Menu: 969 Default
- on IMAGE Menu: TFT=VER693C0, Dmax=3.00, Contrast=6, Density=14
- on EIB Menu: Pixel=12, Header/Line, Port=0, Parity=Disable Even, Timeout=60

Maximum number of associations supported:	8

4 Image Quality and Optical Density

4.1 Reference Film and LUT

Refer to: Uroskop Access, General Hardcopy Camera Information

4.2 Real Size Scaling

n.a.

5 Abbreviations

DCS	DICOM Conformance Statement
DICOM	Digital Imaging and Communication in Medicine
HW / SW	Hardware / Software
HCC	Hardcopy Camera
LUT	Look Up Table
OEM	Original Equipment Manufacturer
SCP	Service Class Provider
SCU	Service Class User
TCP/IP	Transfer Control Protocol / Internet Protocol

6 Changes to Previous Version

n.a.

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